

# 2017 CMPICTM TRENDSTM

## To Meet or Not To Meet Physical vs. Virtual Configuration Control Board



Shelley Rice

ASRC Federal InuTeq

NASA Goddard Space Flight Center

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# To Meet or Not To Meet Physical vs. Virtual Configuration Control Board

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## This presentation will:

- Define the Configuration Control Board (CCB), discuss its functions and members
- Review processes of managing change control via the CCB meeting and advanced practices utilizing enhanced product tools and technologies
- Provide best practices, pros and cons from the community of CM professionals at NASA Goddard Space Flight Center

Identify strategies to determine if process for managing change control and approvals can be streamlined within your local work environments.

# To Meet or Not To Meet Physical vs. Virtual Configuration Control Board

## TO MEET OR NOT TO MEET

Does your organization process change control through a physical CCB meeting?

Does your organization process change control through a virtual CCB meeting?

### Which environment is Best?

Organizations determine best methods of controlling CI's based on the resources available to administer the change process.

# To Meet or Not To Meet

## Physical vs. Virtual

### Configuration Control Board

## DEFINITIONS

### SAE EIA-649-B

- ▶ A group comprised of technical and administrative representatives who review and recommend approval or disapproval to the approval authority, of changes and variances to a configuration managed product and its supporting documentation

Board Chair

Configuration Manager

Contracts

Finance

Quality

Assurance

### SAE EIA-649-2

- ▶ A chartered board composed of technical and administrative representatives who recommend approval or disapproval of proposed engineering changes and variances to a CI's current approved and baselined configuration information

Safety

Stakeholders

Technical

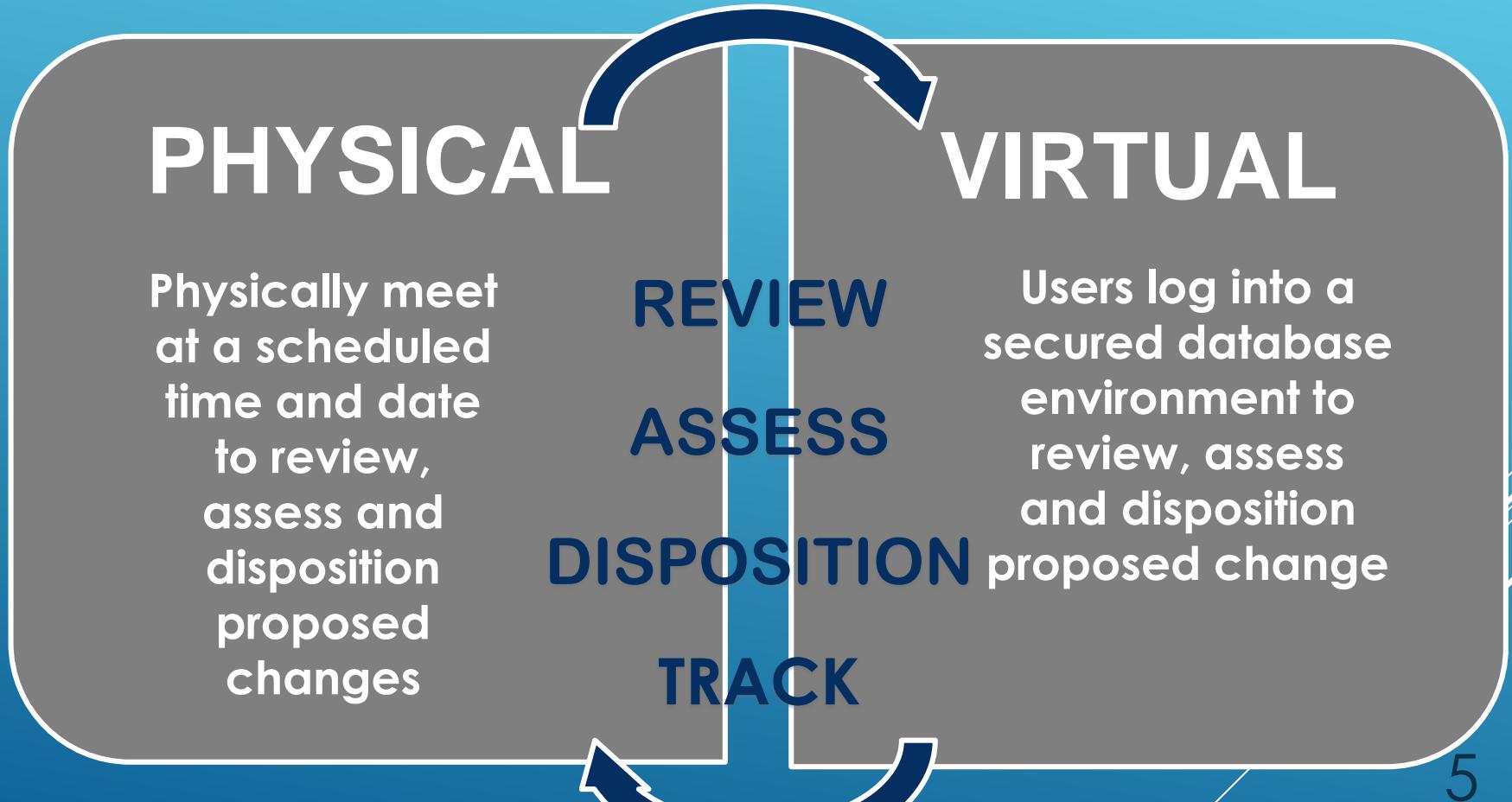
Affected organizations should be assigned for the most appropriate and expedited review of proposed changes.

# To Meet or Not To Meet

## Physical vs. Virtual

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## THE EVOLUTION OF THE CCB



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The CCB environment has evolved over time, helping organizations to automate process flows and increase efficiency.

# To Meet or Not To Meet

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### Configuration Control Board

## THE PROS AND CONS

### PHYSICAL

#### •PROS

- Scheduled date of review
- Quick resolution/decisions
- Verbal dialogue dynamics
- Non verbal / body language

#### •CONS

- Schedule conflicts
- Administrative burden
- Assessors unprepared
- Handwritten minutes omit key decision points

### VIRTUAL

#### •PROS

- Expedited distribution
- Centralized location
- Allows externals access
- Flexibility completing action

#### •CONS

- System Operability
- Interface & process user friendly
- IT Burden – Cost, Security
- Delinquent response to action

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## CONCLUSION

- Advantages and disadvantages
- Management support
- Training is essential
- No one size fits all